

## ESTs AND ENCODED HUMAN PROTEINS

### Abstract of the Disclosure

The sequences of 5' ESTs derived from mRNAs encoding secreted proteins are disclosed.  
5 The 5' ESTs may be used to obtain cDNAs and genomic DNAs corresponding to the 5' ESTs. The 5' ESTs may also be used in diagnostic, forensic, gene therapy, and chromosome mapping procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs may also be used to design expression vectors and secretion vectors.

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